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ABSTRACT OF THE DISCLOSURE

A voice converter synthesizes an output voice signal from an input voice signal and a reference voice signal. In the voice converter, an analyzer device analyzes a plurality of sinusoidal wave components contained in the input voice signal to derive a parameter set of an original frequency and an original amplitude representing each sinusoidal wave component. A source device provides reference information characteristic of the reference voice signal. A modulator device modulates the parameter set of each sinusoidal wave component according to the reference information. A regenerator device operates according to each of the parameter sets as modulated to regenerate each of the sinusoidal wave components so that at least one of the frequency and the amplitude of each sinusoidal wave component as regenerated varies from original one, and mixes the regenerated sinusoidal wave components altogether to synthesize the output voice signal.

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